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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.	HMV-038.04
First Inventor	Annie Yang
Title	Cell Regulatory Genes, Encoded Products and Uses Related Thereto
Express Mail Label No.	EV 327716676 US

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) Mail Stop Patent Application **APPLICATION ELEMENTS Commissioner for Patents** ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or 1. 🔲 (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. 🛛 Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. 🔯 Specification [Total Pages a. Computer Readable Form (CRF) (preferred arrangement set forth below) b. Specification Sequence Listing on: - Descriptive title of the Invention i. CD-ROM or CD-R (2 copies); or - Cross Reference to Related Applications ii. 🛛 Paper - Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies - Reference to sequence listing, a table. or a computer program listing appendix **ACCOMPANYING APPLICATIONS PARTS** - Background of the Invention - Brief Summary of the Invention 9. Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 10. 37 C.F.R. 3.73(b) Statement ☐ Power of - Detailed Description (when there is an assignee) Attorney - Claim(s) - Abstract of the Disclosure 11. English Translation Document (if applicable) Copies of IDS 12. 🛛 4. 🔯 Drawing(s) (35 U.S.C.113) [Total Sheets 34 Information Disclosure Statement (IDS)/PTO-1449 Citations 5. Oath or Declaration [Total Sheets 13. 🛛 **Preliminary Amendment** a. Newly executed (original or copy) 14. 🛛 Return Receipt Postcard (MPEP 503) b. Opy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) (for a continuation/divisional with Box 18 completed) 15. 🔲 Certified Copy of Priority Document(s) i. ☐ DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) 16. 🔲 Nonpublication Request under 35 U.S.C. 122 named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. 6. Application Data Sheet. See 37 CFR 1.76 17. 🔯 Other: Early Publication request 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: □ Continuation □ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/174,493 Prior application information: Examiner _ Art Unit. For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 25181 □ Customer Number OR 🔲 Correspondence address below Name Foley Hoag LLP Address City Zip Code State Country Telephone Fax Name (Print/Type) Jennjfer K. Holmes Registration No. (Attorney/Agent) 46,778 Signature Date November 18, 2003

This collection of information is required by 31 OFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FEE TRANSMITTAL for FY 2003

Effective 10/01/2003. Patent fees are subject to annual revision. Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)	2.170	.00

Complete if Known				
Application Number	Not Yet Assigned			
Filing Date	Herewith			
First Named Inventor	Annie Yang			
Examiner Name	K. Canella			
Art Unit	Not Yet Known			
Attorney Docket No	HMV-038.04			

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SUBMITTED BY							Compl	lete (if applicable)	
Name (Print/Type) Jennifør K. Holmes Registration No. (Attorney/Agent)			46,778 Telephone 617-832-1770			<u>-</u>			
Signature	char. 1	1/slens					Date	November 18, 2003	

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John Barretto

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HMV-038.04

Consisting of: Utility Application Transmittal letter (1 page) in duplicate; Fee Transmittal Form - 2003 (1 page) in duplicate; Utility Patent Application (125 pages); Figures 1-25 (34 pages); Certificate of Express Mailing (1 page); Sequence Listing (65 pages); Statement to Support Filing and Submission in Accordance with 37 C.F.R. §§1.821 - 1.825 (2 pages); Preliminary Amendment (9 pages); Copy of Executed Declaration (1 page); Application Data Sheet (5 pages); Information Disclosure Statement (3 pages); Form PTO-1449 (4 pages); Complete References BP-BS (4 references); Return Receipt Postcard.

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